

# Recovery Plan Action Status

Plan Name: Recovery Plan for Upland Species of the San Joaquin Valley, California

Plan Status: Final

Plan Date: 30-Sep-98

Lead Agency: USFWS

Lead Office: Sacramento Fish And Wildlife Office

(916)

414-6600 )

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Buena Vista Lake ornate Shrew (Sorex ornatus relictus), Riparian woodrat (=San Joaquin Valley) (Neotoma fuscipes riparia), Palmate-bracted bird's beak (Cordylanthus palmatus), Bakersfield cactus (Opuntia treleasei), Riparian brush rabbit (Sylvilagus bachmani riparius), California jewelflower (Caulanthus californicus), Fresno kangaroo rat (Dipodomys nitratooides exilis), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Kern mallow (Eremalche kernensis), Giant kangaroo rat (Dipodomys ingens), Tipton kangaroo rat (Dipodomys nitratooides), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	2	1.1	Develop regional cooperative program that coordinates land use planning and biodiversity conservation	Ongoing Not Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Bureau of Reclamation, U.S. Fish and Wildlife Service, California Department of Fish and Game	Other: Information and Education	Internal Technical Assistance	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Buena Vista Lake ornate Shrew (Sorex ornatus relictus), Riparian woodrat (=San Joaquin Valley) (Neotoma fuscipes riparia), Palmate-bracted bird's beak (Cordylanthus palmatus), Bakersfield cactus (Opuntia treleasei), Riparian brush rabbit (Sylvilagus bachmani riparius), California jewelflower (Caulanthus californicus), Fresno kangaroo rat (Dipodomys nitratoides exilis), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Kern mallow (Eremalche kernensis), Giant kangaroo rat (Dipodomys ingens), Tipton kangaroo rat (Dipodomys nitratoides), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	2	1.2.1	Develop and implement an outreach plan	Ongoing Not Current	FY 1995 - FY 1999		Unknown, U.S. Fish and Wildlife Service	Other: Information and Education	Internal Technical Assistance	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Buena Vista Lake ornate Shrew (Sorex ornatus relictus), Riparian woodrat (=San Joaquin Valley) (Neotoma fuscipes riparia), Palmate-bracted bird's beak (Cordylanthus palmatus), Bakersfield cactus (Opuntia treleasei), Riparian brush rabbit (Sylvilagus bachmani riparius), California jewelflower (Caulanthus californicus), Fresno kangaroo rat (Dipodomys nitratoides exilis), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Kern mallow (Eremalche kernensis), Giant kangaroo rat (Dipodomys ingens), Tipton kangaroo rat (Dipodomys nitratoides), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	2	1.2.2	Develop economic incentives for conserving listed species and natural communities on private lands	Unknown	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, California Department of Fish and Game, Private landowners	Other: Regulations	Internal Technical Assistance	In text refers to legislation.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Buena Vista Lake ornate Shrew (Sorex ornatus relictus), Riparian woodrat (=San Joaquin Valley) (Neotoma fuscipes riparia), Palmate-bracted bird's beak (Cordylanthus palmatus), Bakersfield cactus (Opuntia treleasei), Riparian brush rabbit (Sylvilagus bachmani riparius), California jewelflower (Caulanthus californicus), Fresno kangaroo rat (Dipodomys nitratooides exilis), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Kern mallow (Eremalche kernensis), Giant kangaroo rat (Dipodomys ingens), Tipton kangaroo rat (Dipodomys nitratooides), San Joaquin woolly-threads (Monolopia (=Lembertia) congonii)	2	1.2.3	Encourage and assist local entities in developing and implementing large-area HCPs	Ongoing Current	FY 1995 - FY 1999		City governments, County governments, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game, Private landowners	Other: Regulations	Contract	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Buena Vista Lake ornate Shrew (Sorex ornatus relictus), Riparian woodrat (=San Joaquin Valley) (Neotoma fuscipes riparia), Palmate-bracted bird's beak (Cordylanthus palmatus), Bakersfield cactus (Opuntia treleasei), Riparian brush rabbit (Sylvilagus bachmani riparius), California jewelflower (Caulanthus californicus), Fresno kangaroo rat (Dipodomys nitratoides exilis), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Kern mallow (Eremalche kernensis), Giant kangaroo rat (Dipodomys ingens), Tipton kangaroo rat (Dipodomys nitratoides), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	2	1.2.4	Encourage and assist in development and implementation of mitigation banks	Ongoing Current	FY 1995 - FY 1999		City governments, County governments, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game, Private landowners	Acquisition	Internal Technical Assistance	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Buena Vista Lake ornate Shrew ( <i>Sorex ornatus relictus</i> ), Riparian woodrat (=San Joaquin Valley) ( <i>Neotoma fuscipes riparia</i> ), Palmate-bracted bird's beak ( <i>Cordylanthus palmatus</i> ), Bakersfield cactus ( <i>Opuntia treleasei</i> ), Riparian brush rabbit ( <i>Sylvilagus bachmani riparius</i> ), California jewelflower ( <i>Caulanthus californicus</i> ), Fresno kangaroo rat ( <i>Dipodomys nitratoides exilis</i> ), Blunt-nosed leopard lizard ( <i>Gambelia silus</i> ), San Joaquin kit fox ( <i>Vulpes macrotis mutica</i> ), Kern mallow ( <i>Eremalche kernensis</i> ), Giant kangaroo rat ( <i>Dipodomys ingens</i> ), Tipton kangaroo rat ( <i>Dipodomys nitratoides nitratoides</i> ), San Joaquin woolly-threads ( <i>Monolopia</i> (=Lembertia) <i>congdonii</i> )	2	1.2.5	Encourage and assist land owners and private interest groups in developing safe-harbor programs	Ongoing Current	FY 1995 - FY 1999		City governments, County governments, U.S. Fish and Wildlife Service, California Department of Fish and Game, Private landowners	Management: Habitat Maintenance and Manipulation	Internal Technical Assistance	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Buena Vista Lake ornate Shrew ( <i>Sorex ornatus relictus</i> ), Riparian woodrat (=San Joaquin Valley) ( <i>Neotoma fuscipes riparia</i> ), Palmate-bracted bird's beak ( <i>Cordylanthus palmatus</i> ), Bakersfield cactus ( <i>Opuntia treleasei</i> ), Riparian brush rabbit ( <i>Sylvilagus bachmani riparius</i> ), California jewelflower ( <i>Caulanthus californicus</i> ), Fresno kangaroo rat ( <i>Dipodomys nitratooides exilis</i> ), Blunt-nosed leopard lizard ( <i>Gambelia silus</i> ), San Joaquin kit fox ( <i>Vulpes macrotis mutica</i> ), Kern mallow ( <i>Eremalche kernensis</i> ), Giant kangaroo rat ( <i>Dipodomys ingens</i> ), Tipton kangaroo rat ( <i>Dipodomys nitratooides</i> ), San Joaquin woolly-threads ( <i>Monolopia</i> (=Lembertia) <i>congdonii</i> )	2	1.2.6	Coordinate retirement of farmlands with drainage problems with recovery needs of features species	Ongoing Not Current	FY 1995 - FY 1999		California Department of Water Resources, U.S. Bureau of Reclamation, U.S. Fish and Wildlife Service	Management: Other	Internal Technical Assistance	BOR lead but we say initiated.
Blunt-nosed leopard lizard ( <i>Gambelia silus</i> ), San Joaquin kit fox ( <i>Vulpes macrotis mutica</i> ), Giant kangaroo rat ( <i>Dipodomys ingens</i> ), San Joaquin woolly-threads ( <i>Monolopia</i> (=Lembertia) <i>congdonii</i> )	1	2.1.10	Protect natural lands in Kettleman Hills	Partially Complete			California Department of Parks and Recreation, U.S. Bureau of Reclamation, U.S. Fish and Wildlife Service, California Department of Fish and Game, U.S. Army Corps of Engineers	Acquisition: Easement	Internal Field Assistance	BLM is lead.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Buena Vista Lake ornate Shrew ( <i>Sorex ornatus relictus</i> ), Blunt-nosed leopard lizard ( <i>Gambelia silus</i> ), San Joaquin kit fox ( <i>Vulpes macrotis mutica</i> ), Tipton kangaroo rat ( <i>Dipodomys nitratoides</i> ), San Joaquin wooly-threads ( <i>Monolopia</i> (=Lembertia) congdonii)	3	2.1.11	Protect natural land in Kern NWR-Semiotropic Ridge Natural Area	Ongoing Current	FY 1995 - FY 1999		California Energy Commission, U.S. Fish and Wildlife Service, California Department of Fish and Game, The Nature Conservancy, Private landowners	Acquisition: Easement	Internal Field Assistance	Acquired 640 acres abutting Kern NWR.
California jewelflower ( <i>Caulanthus californicus</i> ), Blunt-nosed leopard lizard ( <i>Gambelia silus</i> ), San Joaquin kit fox ( <i>Vulpes macrotis mutica</i> ), Giant kangaroo rat ( <i>Dipodomys ingens</i> ), San Joaquin wooly-threads ( <i>Monolopia</i> (=Lembertia) congdonii)	1	2.1.12	Protect, restore, and enhance the Carrizo Plain Natural Area	Ongoing Current	FY 1995 - FY 1999		California Department of Fish and Game, The Nature Conservancy, U.S. Army Corps of Engineers, Private landowners	Acquisition: Easement	Internal Field Assistance	
California jewelflower ( <i>Caulanthus californicus</i> ), Blunt-nosed leopard lizard ( <i>Gambelia silus</i> ), San Joaquin kit fox ( <i>Vulpes macrotis mutica</i> ), Giant kangaroo rat ( <i>Dipodomys ingens</i> ), San Joaquin wooly-threads ( <i>Monolopia</i> (=Lembertia) congdonii)	3	2.1.13	Protect natural lands and traditional rangeland uses in the Upper Cuyama Valley	Unknown	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, California Department of Fish and Game, U.S. Forest Service	Acquisition: Easement	Contract	



Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Blunt-nosed leopard lizard ( <i>Gambelia silus</i> ), San Joaquin kit fox ( <i>Vulpes macrotis mutica</i> ), Giant kangaroo rat ( <i>Dipodomys ingens</i> ), San Joaquin woolly-threads ( <i>Monolopia</i> (=Lembertia) <i>congdonii</i> )	1	2.1.14	Protect natural lands in the Ciervo - Panoche Natural Area	Ongoing Not Current	FY 1995 - FY 1999		California Department of Fish and Game, U.S. Army Corps of Engineers, Private landowners	Acquisition: Easement	Contract	Depends partly on 1.2.2
California jewelflower ( <i>Caulanthus californicus</i> ), Blunt-nosed leopard lizard ( <i>Gambelia silus</i> ), San Joaquin kit fox ( <i>Vulpes macrotis mutica</i> ), Kern mallow ( <i>Eremalche kernensis</i> ), San Joaquin woolly-threads ( <i>Monolopia</i> (=Lembertia) <i>congdonii</i> )	1	2.1.4	Protect natural lands on Valley floor and piedmont slopes of western Kern Co.	Partially Complete	FY 1995 - FY 1999		California Department of Water Resources, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Easement	Internal Administrative	This task is for administrative actions only; depends on 1.2.2
Blunt-nosed leopard lizard ( <i>Gambelia silus</i> ), San Joaquin kit fox ( <i>Vulpes macrotis mutica</i> ), Tipton kangaroo rat ( <i>Dipodomys nitratooides</i> ), San Joaquin woolly-threads ( <i>Monolopia</i> (=Lembertia) <i>congdonii</i> )	2	2.2.10	Protect natural land for multiple species in the Lost Hills-Buena Vista Slough area	Unknown			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Easement	Contract	Depends on 1.2.2
Bakersfield cactus ( <i>Opuntia treleasei</i> ), San Joaquin kit fox ( <i>Vulpes macrotis mutica</i> ), San Joaquin woolly-threads ( <i>Monolopia</i> (=Lembertia) <i>congdonii</i> )	1	2.2.19	Protect natural land and establish specialty reserve for Bakersfield cactus at Sand Ridge	Ongoing Current	FY 1995 - FY 1999		City governments, County governments, U.S. Fish and Wildlife Service, California Department of Fish and Game, The Nature Conservancy, U.S. Army Corps of Engineers	Acquisition: Easement	Contract	Depends partly on 1.2.2; protection ongoing

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
California jewelflower (Caulanthus californicus), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Giant kangaroo rat (Dipodomys ingens), San Joaquin woolly-threads (Monolopia (=Lembertia) condonii)	1	2.2.23	Protect natural communities for California jewelflower and other featured species at Santa Barbara Canyon	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game, U.S. Forest Service, Private landowners	Acquisition: Easement	Contract	Depends partly on 1.2.2
Buena Vista Lake ornate Shrew (Sorex ornatus relictus), Riparian woodrat (=San Joaquin Valley) (Neotoma fuscipes riparia), Palmate-bracted bird's beak (Cordylanthus palmatus), Bakersfield cactus (Opuntia treleasei), Riparian brush rabbit (Sylvilagus bachmani riparius), California jewelflower (Caulanthus californicus), Fresno kangaroo rat (Dipodomys nitratooides exilis), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Kern mallow (Eremalche kernensis), Giant kangaroo rat (Dipodomys ingens), Tipton kangaroo rat (Dipodomys nitratooides), San Joaquin woolly-threads (Monolopia (=Lembertia) condonii)	1	3.1	Establish a program and protocol for general and directed surveys for featured species	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Population Surveys	Contract	Relates to program establishment and protocol development only

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Blunt-nosed leopard lizard ( <i>Gambelia silus</i> ), Giant kangaroo rat ( <i>Dipodomys ingens</i> ), San Joaquin woolly-threads ( <i>Monolopia</i> (=Lembertia) congdonii)	2	3.2.21	Conduct surveys for upland vertebrates in the Kettleman Hills	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Population Surveys	Contract	
California jewelflower ( <i>Caulanthus californicus</i> ), Kern mallow ( <i>Eremalche kernensis</i> ), San Joaquin woolly-threads ( <i>Monolopia</i> (=Lembertia) congdonii)	1	3.2.7	Conduct surveys for target plant species at Elk Hills	Complete	FY 1995 - FY 1999	FY 2000 - FY 2004	U.S. Fish and Wildlife Service, U.S. Department of Energy	Research: Population Surveys	Contract	
California jewelflower ( <i>Caulanthus californicus</i> ), Kern mallow ( <i>Eremalche kernensis</i> ), San Joaquin woolly-threads ( <i>Monolopia</i> (=Lembertia) congdonii)	1	3.2.8	Conduct surveys for target plant species on the west side of the southern Valley	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Population Surveys	Contract	
San Joaquin woolly-threads ( <i>Monolopia</i> (=Lembertia) congdonii)	2	4.17	Conduct multiple research tasks and monitoring for multiple plant species in the Lost Hills	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Demographic Studies	Contract	Monitoring ongoing, research 5-10 years
San Joaquin woolly-threads ( <i>Monolopia</i> (=Lembertia) congdonii)	2	4.28	Conduct multiple research tasks and monitoring for multiple plant species at Kettleman Hills and Devil's Den	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: General	Contract	Monitoring ongoing, research 5-6 years
California jewelflower ( <i>Caulanthus californicus</i> ), San Joaquin woolly-threads ( <i>Monolopia</i> (=Lembertia) congdonii)	2	4.3	Conduct multiple research and monitoring tasks for multiple plant species on the Carrizo Plain	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game, The Nature Conservancy	Research: Management Techniques	Contract	Monitoring ongoing, research 5-10 years

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	2	4.32	Conduct multiple research tasks and monitoring for San Joaquin woolly-threads at Hacialitos Hills	Unknown			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, Private landowners	Research: Habitat Status	Contract	Monitoring ongoing, research 5-10 years
San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	2	4.37	Conduct multiple reaseach tasks and monitoring for multiple plant and animal species in the Ciervo-Panoche area	Unknown			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: General	Contract	
California jewelflower (Caulanthus californicus), Blunt-nosed leopard lizard (Gambelia silus), Giant kangaroo rat (Dipodomys ingens), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	2	4.4	Conduct multiple research and monitoring tasks for multiple animal species on the Carrizo Plain	Ongoing Current	FY 1995 - FY 1999		U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game, The Nature Conservancy	Research: Habitat Status	Graduate Student	Monitoring ongoing, research for 5 years. Giant kangaroo rat study staredted in 2008.
San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	3	4.74	Conduct matrix projections modeling for San Joaquin woolly-threads	Not Started			U.S. Fish and Wildlife Service	Research: Other Information	Internal Technical Assistance	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Buena Vista Lake ornate Shrew ( <i>Sorex ornatus relictus</i> ), Riparian woodrat (=San Joaquin Valley) ( <i>Neotoma fuscipes riparia</i> ), Palmate-bracted bird's beak ( <i>Cordylanthus palmatus</i> ), Bakersfield cactus ( <i>Opuntia treleasei</i> ), Riparian brush rabbit ( <i>Sylvilagus bachmani riparius</i> ), California jewelflower ( <i>Caulanthus californicus</i> ), Fresno kangaroo rat ( <i>Dipodomys nitratooides exilis</i> ), Blunt-nosed leopard lizard ( <i>Gambelia silus</i> ), San Joaquin kit fox ( <i>Vulpes macrotis mutica</i> ), Kern mallow ( <i>Eremalche kernensis</i> ), Giant kangaroo rat ( <i>Dipodomys ingens</i> ), Tipton kangaroo rat ( <i>Dipodomys nitratooides nitratooides</i> ), San Joaquin woolly-threads ( <i>Monolopia (=Lembertia) congdonii</i> )	3	5.2	Reintroduce featured species to restored habitat within linkages	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Management Agreement	Contract	
Blunt-nosed leopard lizard ( <i>Gambelia silus</i> ), San Joaquin kit fox ( <i>Vulpes macrotis mutica</i> ), Giant kangaroo rat ( <i>Dipodomys ingens</i> ), Tipton kangaroo rat ( <i>Dipodomys nitratooides nitratooides</i> ), San Joaquin woolly-threads ( <i>Monolopia (=Lembertia) congdonii</i> )	3	5.3.12	Maintain and enhance habitat linkages for upland species in the San Juan Creek watershed, San Luis Obispo Co.	Ongoing Not Current			City governments, County governments, U.S. Department of Agriculture, U.S. Fish and Wildlife Service, California Department of Fish and Game, Private landowners	Acquisition: Easement	Contract	Depends partly on 1.2.2

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Blunt-nosed leopard lizard ( <i>Gambelia silus</i> ), San Joaquin kit fox ( <i>Vulpes macrotis mutica</i> ), Giant kangaroo rat ( <i>Dipodomys ingens</i> ), San Joaquin woolly-threads ( <i>Monolopia (=Lembertia) congonii</i> )	2	5.3.5	Protect grass and shrubland communities on western Valley floor edge, Panoche Creek to Ciervo Wash	Not Started			U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Easement	Contract	Depends on 1.2.2
Blunt-nosed leopard lizard ( <i>Gambelia silus</i> ), San Joaquin kit fox ( <i>Vulpes macrotis mutica</i> ), Giant kangaroo rat ( <i>Dipodomys ingens</i> ), San Joaquin woolly-threads ( <i>Monolopia (=Lembertia) congonii</i> )	2	5.3.6	Protect grass and shrubland communities on western Valley edge, Ciervo Wash to Coalinga	Unknown			City governments, County governments, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Easement	Contract	Depends on 1.2.2
California jewelflower ( <i>Caulanthus californicus</i> ), Blunt-nosed leopard lizard ( <i>Gambelia silus</i> ), San Joaquin kit fox ( <i>Vulpes macrotis mutica</i> ), Giant kangaroo rat ( <i>Dipodomys ingens</i> ), San Joaquin woolly-threads ( <i>Monolopia (=Lembertia) congonii</i> )	2	5.3.7	Protect grass and shrubland communities on western Valley edge, Coalinga to McKittrick	Discontinued	FY 1995 - FY 1999		City governments, County governments, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Easement	Contract	Depends on 1.2.2

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
California jewelflower (Caulanthus californicus), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Kern mallow (Eremalche kernensis), Giant kangaroo rat (Dipodomys ingens), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	2	5.3.8	Protect grass and shrubland communities on southwestern Valley edge from McKittrick to Maricopa and eastward and northward to Kern River, east of Bakersfield	Planned			California Department of Water Resources, Unknown, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service, California Department of Fish and Game	Acquisition: Easement	Contract	Depends on 1.2.2

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Buena Vista Lake ornate Shrew (Sorex ornatus relictus), Riparian woodrat (=San Joaquin Valley) (Neotoma fuscipes riparia), Palmate-bracted bird's beak (Cordylanthus palmatus), Bakersfield cactus (Opuntia treleasei), Riparian brush rabbit (Sylvilagus bachmani riparius), California jewelflower (Caulanthus californicus), Fresno kangaroo rat (Dipodomys nitratoides exilis), Blunt-nosed leopard lizard (Gambelia silus), San Joaquin kit fox (Vulpes macrotis mutica), Kern mallow (Eremalche kernensis), Giant kangaroo rat (Dipodomys ingens), Tipton kangaroo rat (Dipodomys nitratoides), San Joaquin woolly-threads (Monolopia (=Lembertia) congdonii)	3	6	Revise or develop new management plans for protected areas	Not Started			To be determined	Management: Planning	Contract	